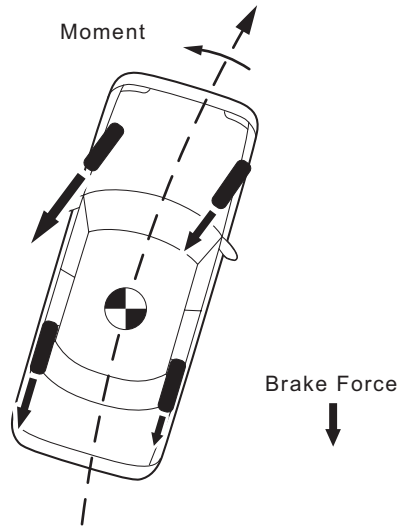


- The right-left brake force distribution control ensures vehicle stability during braking along turns by regulating the brake force of the right and left wheels. Thus, it ensures an excellent braking effect.



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Precautions on ABS with EBD

- The ABS is not intended to extend the actual braking performance of the tires. Therefore, drive safely by paying attention to your speed, as well as the distance between your vehicle and others.
- The use of non-standard parts such as tires of a non-standard size will negatively affect the ABS control.
- Under the conditions listed below, the braking distance with the ABS operating may be longer than on vehicles without ABS.

Conditions

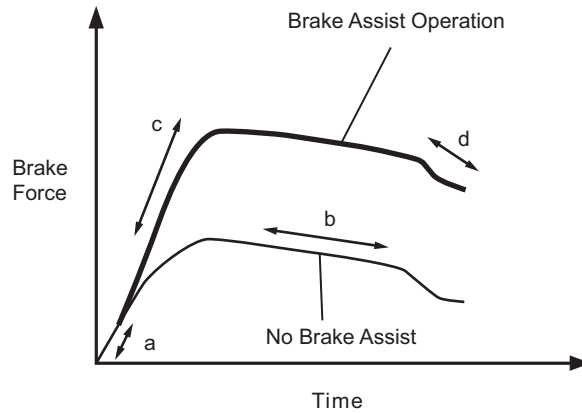
Driving on a gravel road or fresh snow
Using tire chains
Driving over an offset such as a seam on the road
Driving on a rough road with an irregular surface or stone pavement

Brake Assist Function

- The system determines emergency braking based on the amount and speed of the brake pedal effort and generates a strong brake force accordingly.

Concept of Brake Assist

- In emergency braking, the driver in a panic state might press the brake pedal quickly but not firmly, generating only a small amount of braking force (see "a" in the figure).
- In that state, the driver might not be able to keep the brake pedal depressed during the latter half of braking, and cause the brake force to drop (see "b" in the figure).
- The brake assist system estimates the intention of the driver to apply emergency braking upon detecting a quick application of the brake pedal. Thus, even if the driver is unable to press the brake pedal firmly, this system increases the brake force (see "c" in the figure).
- If the driver intentionally eases the brakes after the brake assist operates, the system reduces the amount of brake force assist to reduce the sense of intrusiveness (see "d" in the figure).



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Precautions on Brake Assist

- The brake assist is not intended to extend the actual capability of the brakes. Therefore, drive safely by paying attention to your speed, as well as the distance between your vehicle and others.

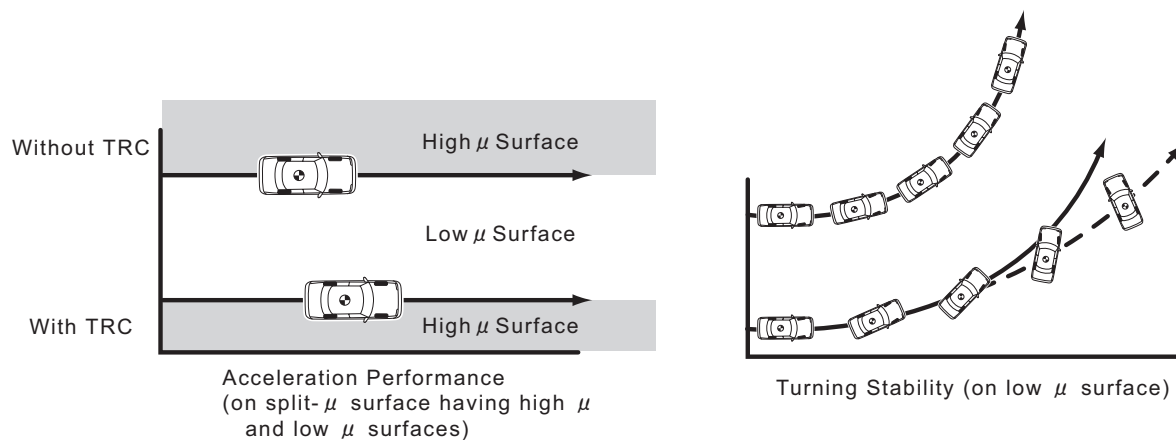
TRC Function

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- If the driver opens the throttle too far while starting off or accelerating on a slippery surface, the engine will generate excessive torque, causing the drive wheels to slip. This could negatively affect the vehicle's startoff acceleration and maneuverability. The TRC (Traction Control) controls the power output of the engine in accordance with the brake hydraulic pressure control of the drive wheels. This system suppresses the slippage of the drive wheels and provides a drive force that suits the surface conditions. Thus, it ensures the vehicle's startoff acceleration, straightline performance, and cornering stability.
- The TRC provides the following features:

Features

Eliminates the need for the driver to perform intricate accelerator pedal maneuvers while starting off and accelerating on slippery surfaces.
Realizes excellent maneuverability and stability during acceleration.
Enables the vehicle to turn more stably while accelerating around a turn.
Enables the vehicle to accelerate stably even on a split-surface, where the surface conditions differ between the right and left drive wheels.



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